

WHAT IS CLAIMED IS:

1. An extrusion die for injecting plasticizable elastomers into a cavity of an injection-molding die mounted on a cold-channel block which, for distribution of the material plasticized in a plasticization aggregate, is arranged between the aggregate and the injection-molding die, the extrusion die comprising:

an extrusion die body having an opening;

a needle for closing the opening of the extrusion die, said needle comprising an extrusion-die-opening end of an insert that is displaced in the extrusion die body and has a material transport channel; and

an external drive for displacement movement of the insert.

2. An extrusion die according to claim 1, wherein the drive for the displacement movement of the insert is a short-stroke cylinder that is connected with a holder ring by way of rods arranged outside of the extrusion die body, said ring surrounding the extrusion die body at a level of the insert and being mounted on the extrusion die body so that said ring can be displaced axially, and wherein several bolts

are arranged in the holder ring, radial to a center axis of the extrusion die, and project into a ring-shaped undercut in the insert with their ends pointing radially inward.

3. An extrusion die according to claim 1, wherein the channel ends in the insert, in bores that empty out into an extrusion die mouth piece before a region of the needle starts.

4. An extrusion die according to claim 3, wherein the extrusion die mouth piece is formed by a conically shaped threaded ring, said ring adapted to be screwed onto the front end of the extrusion die body.

5. An extrusion die according to claim 3, wherein the extrusion die mouth piece is an integral part of the extrusion die body.

6. An extrusion die according to claim 1, further comprising channels to carry a tempering medium provided in the extrusion die body, to allow tempering of the extrusion die even into a front region of the extrusion die.

7. An extrusion die according to claim 1, wherein the extrusion die opening has a same diameter as the channel.